

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

DAVID R. HEMBREE
JORGE L. DE VARONA

Serial No.:

ART UNIT:

Filing Date: September 11, 2003

Division of Serial No. 09/835,200
filed 4/13/2001

Examiner:

For: SEMICONDUCTOR COMPONENT
HAVING TEST CONTACTS

Attorney Docket No. 99-0812.2

INFORMATION DISCLOSURE STATEMENT
September 11, 2003

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The following sections are being submitted for this Information
Disclosure Statement:

1. x Preliminary Statements
2. x FORM PTO SB/08
3. Statement As to Information Material to
Examination Not Found in Patents or Publications.
4. x Identification of Prior Application in Which Listed
Information Was Already Cited and For Which No Copies
are Submitted Or Need be Submitted.
5. Cumulative Patents or Publications.
6. Copies of Listed Information Items Accompanying
This Statement.

7. _____ Concise Explanation of Non-English Language Listed Information Items.
8. _____ Translation(s) of Non-English Language Documents.
9. x Identification of Person(s) Making This Information Disclosure Statement.

Section 1. Preliminary Statements

Applicants submit herewith patents, publications or other information of which they are aware which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. §1.56.

The filing of this information disclosure statement shall not be construed as a representation that a search has made (37 C.F.R. 1.56 (g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

Section 2. Identification of Person(s) Making This INFORMATION DISCLOSURE STATEMENT

The person making this statement is
(a) _____ the inventor(s) who signs below

SIGNATURE OF INVENTOR

Name of Inventor

(b) x the attorney who signs below on the basis of:

- _____ the information supplied by the inventor(s)
- _____ an individual associated with the filing and prosecution of this application (37 CFR 1.56(c))
- x the information in the attorney's file.


Section 3. Identification of Prior Application In Which Listed Information Was Already Cited and For Which No Copies are Submitted or Needed Be Submitted.

This application relies, under 35 U.S.C. 120, on the earlier filing date of application serial no. 09/835,200 filed 4/13/2001, Patent No. 6,620,633 which is a division of Serial No. 09/473,232, filed 12/24/1999, Patent No. 6,380,555 B1.

The attached list of references were submitted to and/or cited by the Office in these prior applications and, therefore, are not required to be provided in this application.

DATED this 11th day of September, 2003.

Respectfully submitted:



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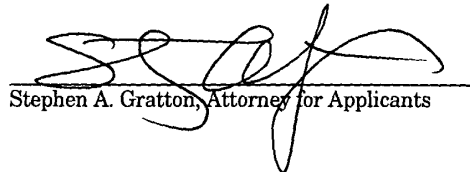
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Stephen A. Gratton, Attorney for Applicants

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	
		Filing Date	09/11/2003
		First Named Inventor	DAVID R. HEMBREE
		Art Unit	
		Examiner Name	
Sheet 1	of 3	Attorney Docket Number	99-0812.2

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A	US- 3,806,801	04/23/1974	Bove	
	B	US- 5,067,007	11/19/1991	Kanji et al.	
	C	US- 5,124,639	06/23/1992	Carlin et al.	
	D	US- 5,172,050	12/15/1992	Swapp	
	E	US- 5,177,439	01/15/1993	Liu et al.	
	F	US- 5,180,977	01/19/1993	Huff	
	G	US- 5,269,453	12/14/1993	Melton et al.	
	H	US- 5,476,211	12/19/1995	Khandros	
	I	US- 5,547,740	08/29/1996	Higdon et al.	
	J	US- 5,593,927	01/14/1997	Farnworth et al.	
	K	US- 5,686,317	11/11/1997	Akram et al.	
	L	US- 5,736,456	04/07/1998	Akram	
	M	US- 5,767,443	06/16/1998	Farnworth et al.	
	N	US- 5,786,632	07/28/1998	Farnworth et al.	
	O	US- 5,829,128	11/03/1998	Eldridge et al.	
	P	US- 5,851,911	12/22/1998	Farnworth	
	Q	US- 5,894,161	04/13/1999	Akram et al.	
	R	US- 6,060,891	05/09/2000	Hembree et al.	
	S	US- 6,078,186	6/20/2000	Hembree et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 3**Complete if Known**

Application Number	
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		Number-Kind Code ² (if known)			
	T	US- 6,097,087	08/17/2000	Farnworth et al.	
	U	US- 6,255,833	07/03/2001	Akram et al.	
	V	US- 6,261,854	07/17/2001	Akram et al.	
	W	US- 6,275,052	08/14/2001	Hembree et al.	
	X	US- 6,297,653	10/02/2001	Hembree	
	Y	US- 6,300,782	10/09/2001	Hembree	
	Z	US- 6,300,786	10/09/2001	Doherty et al.	
	AA	US- 6,314,641	11/13/2001	Akram	
	AB	US- 6,337,577	01/08/2002	Doherty et al.	
	AC	US- 6,359,456	03/19/2002	Hembree	
	AD	US- 6,366,112	04/02/2002	Doherty et al.	
	AE	US- 6,372,627	04/16/2002	Ring et al.	
	AF	US- 6,380,555	04/30/2002	Hembree et al.	
	AG	US- 6,383,825	05/07/2002	Farnworth et al.	
	AH	US- 6,414,506	07/02/2002	Akram et al.	
	AI	US- 6,429,029	08/06/2002	Eldridge	
	AJ	US- 6,469,537	10/22/2002	Akram et al.	
	AK	US- 6,362,637	03/26/2002	Farnworth et al.	
		US-			

FOREIGN PATENT DOCUMENTS

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		Examiner Name	
Sheet 3	of 3	Attorney Docket Number	99-0812.2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AL	"Cobra technology makes Wentworth Labs the world's most advanced probe card manufacturer.", brochure from Wentworth Laboratories, 1996.	
	AM	H. W. LORBER et al., "Non-Adhering Probe For Contacting Solder Pads", IBM Technical Disclosure Bulletin, Vol. 26, No. 1, June 1983.	
	AN	"Science Over Art. Our New IC Membrane Test Probe.", Packard Hughes Interconnect brochure, 1993.	

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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